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PATENT & TRADEMARK OFFICE
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Figure 1.

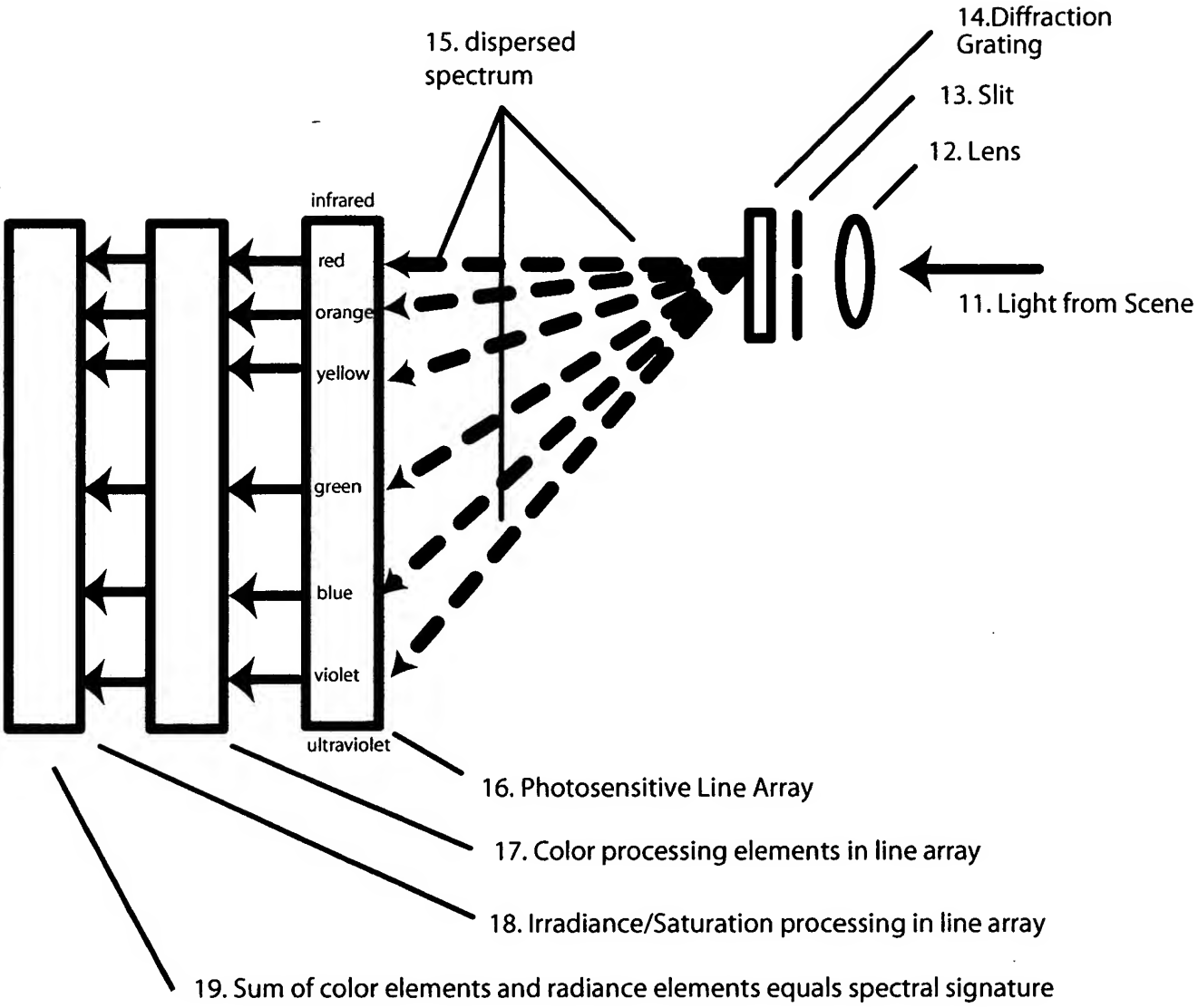


Figure 2

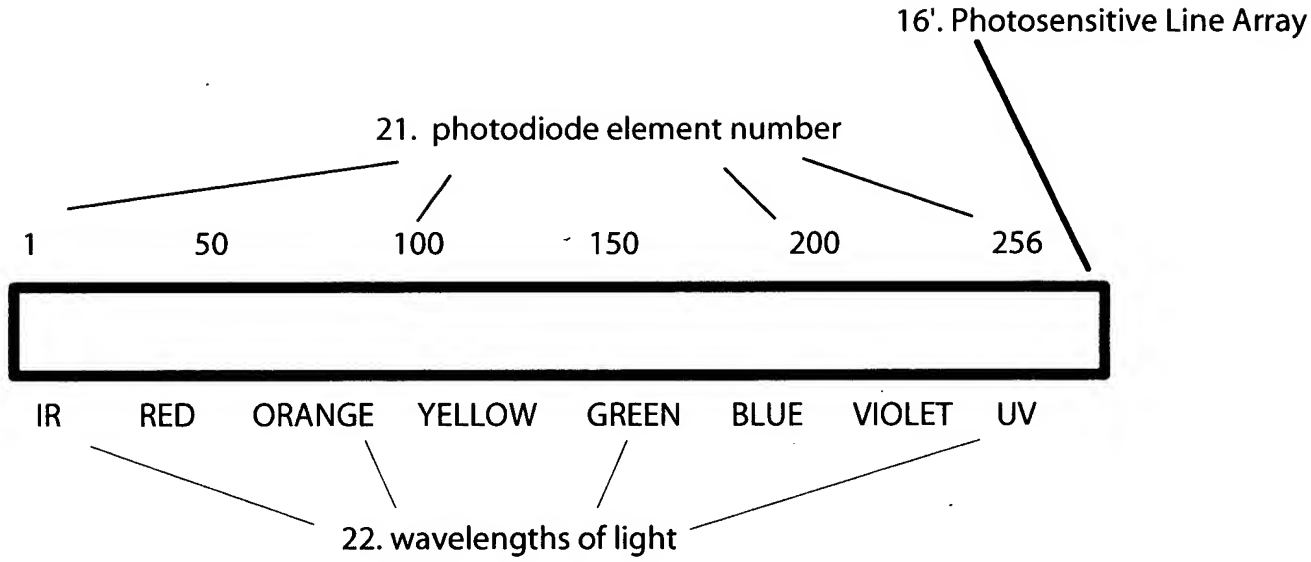
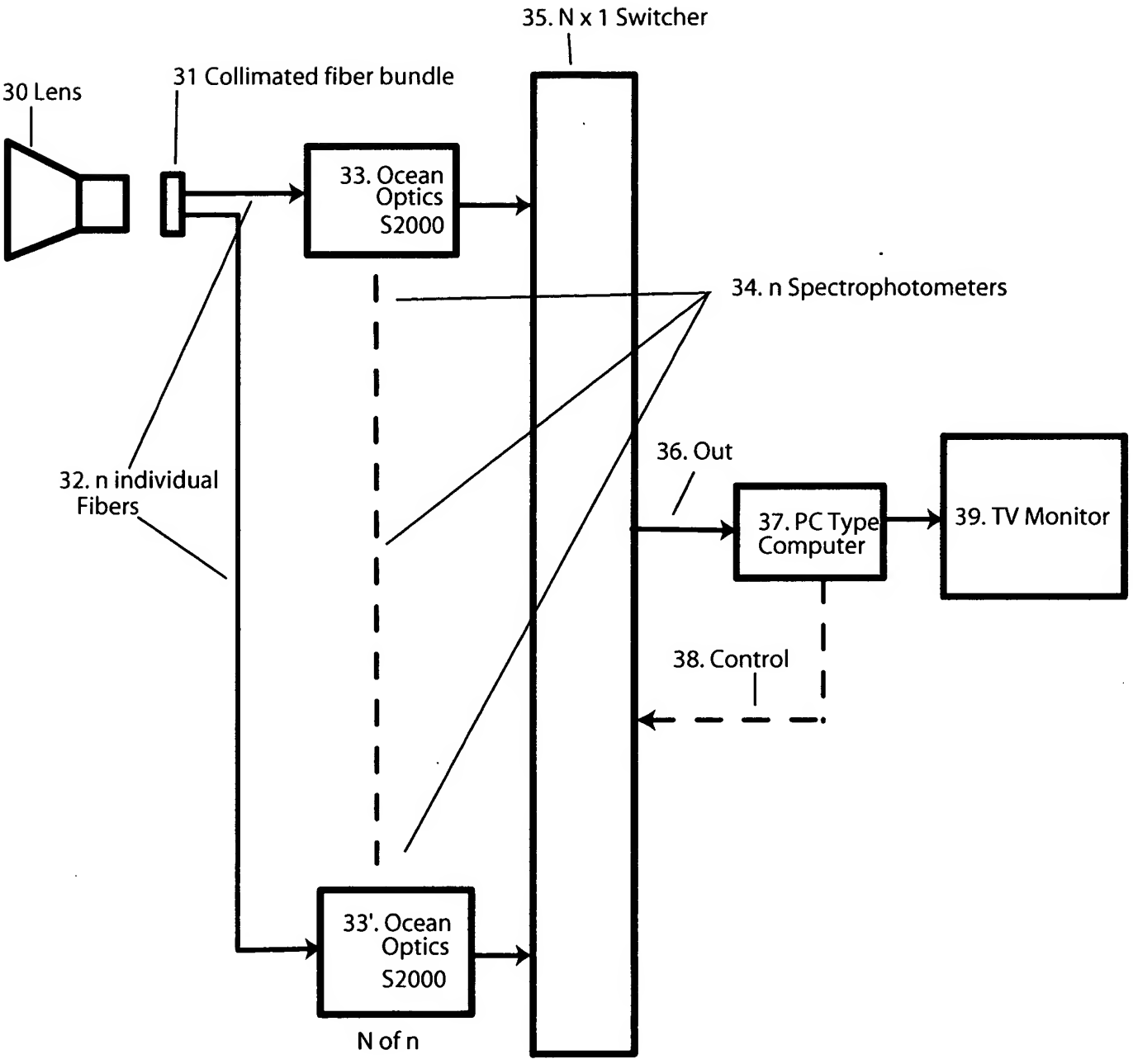

16'. Photosensitive Line Array
21. photodiode element number
1
50
100
150
200
256
IR
RED
ORANGE
YELLOW
GREEN
BLUE
VIOLET
UV
22. wavelengths of light

FIG 3.


35. N x 1 Switcher
30 Lens
31 Collimated fiber bundle
33. Ocean Optics S2000
34. n Spectrophotometers
32. n individual Fibers
36. Out
37. PC Type Computer
39. TV Monitor
38. Control
33'. Ocean Optics S2000
N of n